

ABSTRACT

Devices, software and methods are provided for allocating different amounts of memory of a network communication device as jitter buffer for different channels, such as VoIP connections. The channels are classified according to regions of their endpoints in the network. Jitter statistics are tracked for connections with endpoints in each region. The statistics are used to determine how much memory to allocate as a jitter buffer for each channel in a subsequent connection, depending on the region of the endpoint.

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2013-04-23